


Patent
Attorney's Docket No. 032796-014

To assist the Examiner, the documents are listed on the attached form PTO-1449, Information Disclosure Statement. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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Date: April 25, 2002.



Patent
Attorney's Docket No. 032796-014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

John P. CARULLI *et al.*)

Application No.: 09/543,771)

Filed: April 5, 2000)

For: HIGH BONE MASS GENE OF 11q13.3)

Group Art Unit: 1643

Examiner: Unassigned

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OCT 31 2002

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Foreign Patent Documents

International Application No. WO 99/47529, published 09-23-1999;

International Application No. WO 97/12903, published 04-10-1997; and

International Application No. WO 99/09054, published 02-25-1999.

Non Patent Literature Documents

Annex Form PCT/ISA/206 Communication Relating to the Results of the Partial International Search attached to Invitation to Pay Additional Fees dated May 7, 2001;

A. COURSEAUX *et al.*, "*Homo Sapiens Chromosome 11 Clone BAC67-M-5 MAP 11q13, *** Sequencing in Progress ****", 3 Ordered Pieces", Database EM_HTG, E.B.I., Hinxton, U.K.,
Accession Number: AC024123, March 2, 2000, XP002165276, Abstract;

D.L. KOLLER *et al.*, "*Linkage of a QTL Contributing to Normal Variation in Bone Mineral Density to Chromosome 11q12-13*", J. Bone Miner. Res., Vol. 13, No. 12, pp. 1903-1908, December 1998, Blackwell Science, Inc., American Society for Bone and Mineral Research, USA;

Michael P. WHYTE, "*Searching for Gene Defects that Cause High Bone Mass*", Am. J. Hum. Genet., Vol. 60; No. 6, pp. 1309-1311, June 1997, The American Society of Human Genetics, USA;

Marion TROMMSDORFF *et al.*, "*Interaction of Cytosolic Adaptor Proteins with Neuronal Apolipoprotein E Receptors and the Amyloid Precursor Protein*", J. Biol. Chem., Vol. 273, No. 50, pp. 33556-33560, December 1998, The American Society for Biochemistry and Molecular Biology, Inc., USA;

G. SCHNEIDER *et al.*, "*Formation of Focal Adhesions by Osteoblasts Adhering to Different Substrata*", Experimental Cell Research, Vol. 214, No. 1, pp. 264-269, September 1994, Academic Press, Inc., USA; and

Frederick M. PAVALKO *et al.*, "*Fluid Shear-Induced Mechanical Signaling in MC3T3-E1 Osteoblasts Requires Cytoskeleton-Integrin Interactions*", Am. J. Physiol., Vol. 275, No. 6 (Pt1), pp. C1591-1601, December 1998, The American Physiological Society, USA.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited below was submitted in parent Application No. 09/299,319. Thus, these documents are not enclosed herewith.

U.S. Patent Documents

U.S. Patent No. 5,691,153 to Robert R. Recker *et al.*, issued November 25, 1997.

Foreign Patent Documents

International Publication No. WO 98/46743, published October 22, 1998.

Non Patent Literature Documents

Mark L. Johnson *et al.*, "*Linkage of a Gene Causing High Bone Mass to Human Chromosome 11 (11q12-13)*", Am. J. Hum. Genet., Vol. 60, No. 6, pp. 1326-1332, June 1997, The American Society of Human Genetics, USA; and

Dong-Ho KIM *et al.*, "A New Low Density Lipoprotein Receptor Related Protein, LRP5, is Expressed in Hepatocytes and Adrenal Cortex, and Recognizes Apolipoprotein E", J. Biochem., Vol. 124, No. 6, pp. 1072-1076, December 1998, The Japanese Biochemical Society, JAPAN.

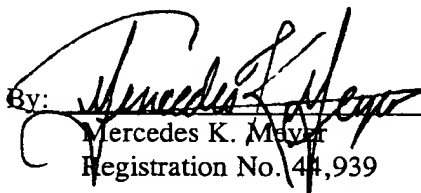
The documents are being submitted before the first Office Action on the merits, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

I, the undersigned, hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

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Respectfully submitted,

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